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GNOSALL
RURAL DISTRICT COUNCIL.



REPORT

OF THE

Medical Officer of Health

For the Year

1913.

Gnosall Rural District Council.

Report of the Medical Officer of Health for the Year 1913.

GENTLEMEN,—

I beg to submit for your consideration, my 17th Annual Report on your district.

The district is purely an agricultural one, with a scattered rural population engaged largely in dairy farming, and with the exception of a small chocolate factory in Adbaston only carried on in the summer months, there are no factories or industries of any kind.

There are no hospitals or institutions inside the district, but several of those outside are fairly accessible from most parts of it.

In the following table will be found the birth and death rates for the year compared with the average rates of the five preceding years. These rates have been calculated on a population estimated to be 4,781 at the middle of 1913, while those for the years 1911 and 1912 were calculated on the population of the census of 1911, viz., 4,765.

	1913	Average of 5 preceding years
Deaths per 1,000 of population	12·5	13·2
Births per 1,000 of population	19·7	20·8
Deaths from Zymotic Diseases per 1,000 of population ...	...	0·6
Deaths of Infants under one year per 1,000 births	31	80

The birth and death rates are below the average, while the infantile death rate again shows a marked decrease, being the lowest on record for many years.

NOTIFIABLE INFECTIOUS DISEASES.

A gratifying feature of this report is that, with the exception of Tuberculosis, there has been an entire absence of these for the whole of the year, and the same applies to the Non-notifiable Infectious Diseases, except for a slight epidemic of Chicken Pox in the neighbourhood of Moreton. It is probable that there are some who will consider that this is a conclusive argument against the necessity of providing for isolation, but it must be remembered that in the course of the next few years there will be a number of children getting on to school age who have never been infected, or perhaps even exposed to infection, and that these in their turn will provide ample material for fresh epidemics, and that in their interests, isolation should be provided for in case of necessity. It is, however, an argument greatly in favour of linking up this district to some other already provided with an isolation hospital, especially if such an one can be found willing to take payment for cases as sent, as past experience has shewn that the number of cases here is seldom very large at any given time, and given means of providing prompt isolation, would tend to be even less in the future, so that a hospital for this district alone would probably be more often empty than not.

TUBERCULOSIS.

The notification of all cases of Tubercular disease has been in force for the year, and during that time nine cases have been notified, which may be tabulated as follows:—

Lupus of the face	...	...	...	1
Tubercular elbow joint	...	...	...	1
Tubercular knee joint	...	...	...	1
Lumbar Abscess	...	...	...	1
Tubercle of the lungs	...	...	...	5

Each of these have been visited and instructed as to the precautions that should be taken to prevent infection. There have been three deaths from Tubercle of the Lungs, and the houses in these cases have been cleansed and disinfected.

VACCINATION.

Number of births registered in the year	92
Number successfully vaccinated	65
Number of exemptions	17
Died unvaccinated	3
Left the district	0
Still unaccounted for	7

The following is a summary of the work done in the Sanitary Inspector's department during the year:—

	Numbers of		Abatement Notices.		Nuisances Abated after Notice by	
	Inspections and Observations.	Defects found.	Informal by Inspector.	Formal by Authority.	Inspector	Authority.
Dwelling Houses { Foul Conditions	3	3	...	3	...	3
and Schools { Structural Defects	141	73	26	47	23	24
{ Overcrowding	2	2	...	2	...	2
{ Unfit for Habitation	6	6	...	6	...	3
Lodging Houses .....	...	...	...	...	...	...
Dairies and Milkshops	10	...	...	...	...	...
Cowsheds	83	15	9	6	9	6
Bakehouses	8	3	3	...	3	...
Slaughter-houses	11	2	2	...	2	...
Canal Boats	21	...	...	...	...	...
Ashpits and Privies	11	11	11	...	11	...
Deposits of Refuse and Manure	5	5	5	...	5	...
House Drainage { Defective Traps	55	55	21	33	21	33
{ No Disconnection						
{ Other Faults						
Water Supply	23	19	8	9	8	4
Pigsties	4	4	...	4	...	4
Other Nuisances	1	1	1	...	1	...
Totals	384	199	86	110	83	79

Unwholesome Food: No action required.

Food and Drugs Act: No action required.

Samples of Water taken for analysis: 4.

Condemned as unfit for use: 3.

Precautions against Infectious Disease:

Houses disinfected: 3.

BAKE-HOUSES AND SLAUGHTER-HOUSES.

These are generally well looked after, and in a satisfactory condition.

WATER SUPPLY AND SEWERAGE.

These are gradually being improved, but the much-needed scheme for Gnosall Heath still calls for attention.

Housing and Town Planning Act, 1909.



WORK DONE IN 1913.

Number of Houses inspected	47
Number of Inspections made	141
Houses represented as Unfit for Habitation	6
Closing Orders made by Local Authority ...	3
Closing Order become operative	1
Defects remedied without Closing Order ...	24
Defects remedied after Closing Order	—
Closing Order determined	1
Houses rendered Void	3
Houses reported on, Notices still unexpired	34

FACTORIES AND WORKSHOPS ACT.

This calls for no report.

The usual tables of sickness and mortality are appended.

I remain, Gentlemen,

Your Obedient Servant,

R. S. STEELE, M.B.,

Medical Officer of Health.

To the Gnosall Rural District Council,

March 7th, 1914.

TABLE I.
Vital Statistics of Whole District during 1913 and previous Years.
Name of District, Gnosall Rural.

Year.	Population estimated to Middle of each Year.	Births.			Total Deaths Registered in the District		Transferable Deaths.		Nett Deaths belonging to the District.			
		Uncorrected Number.	Nett.		Number.	Rate.	Of Non-residents Registered in the District.	Of Residents not Registered in the District.	Under 1 Year of Age.		At all Ages.	
			Number.	Rate.					Number.	Rate per 1,000 Nett Births.	Number.	Rate.
1	2	3	4	5	6	7	8	9	10	11	12	13
1908	4700	--	112	23·8	65	13·8	—	2	9	80	67	14·2
1909	4700	—	103	21·9	50	10·6	—	2	8	77	52	11·0
1910	4700	—	92	19·5	52	11·0	—	2	11	125	54	11·4
1911	4765	—	100	20·9	60	12·7	—	7	7	70	67	14·0
1912	4765	101	103	21·6	63	13·2	—	11	5	48	74	15·5
1913	4781	92	94	19·7	51	10·6	—	9	3	31	60	12·5

Area of District in acres (land and inland water)	...	...	26083
Total population at all ages (at Census of 1911)	...	...	4765
Number of inhabited houses (at Census of 1911)	...	...	1075
Average number of persons per house (at Census of 1911)	...	...	4·1

TABLE II

Cases of Infectious Disease notified during the Year 1913.

Name of District, Gnosall Rural.

NOTIFIABLE DISEASE.	NUMBER OF CASES NOTIFIED.							TOTAL CASES NOTIFIED IN EACH LOCALITY (e.g. Parish or Ward) of the District.							TOTAL CASES REMOVED TO HOSPITAL.	
	At all Ages.	At Ages—Years.						1 Adbaston.	2 Forton.	3 Gnosall.	4 High Offley.	5 Norbury.	6 Church Eaton.	7 Weston Jones.		
		Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 45.	45 to 65.									65 and upwards.
Small-pox
Cholera
Plague
Diphtheria (including Membranous Group)
Erysipelas
Scarlet Fever
Typhus Fever
Enteric Fever
Relapsing Fever
Continued Fever
Puerperal Fever
Cerebro-spinal Meningitis
Poliomyelitis
Pulmonary Tuberculosis	5	..	..	3	1	1	1	1	1	..	3	1	..	1	..	..
Other forms of Tuberculosis	4	..	..	1	1	1	1	1	..	..	2	..	..	..	..	..

Totals	9			4	2	2	2	1		1	5	1	1	1		..

There is no Isolation Hospital.

TABLE III.

Causes of, and Ages at Death during the Year 1913.

Name of District, Gnosall Rural.

CAUSES OF DEATH.				Nett Deaths at the subjoined ages of "Residents," whether occurring within or without the District.									Total Deaths whether of "Residents" or "non-Residents" in Institutions in the District.
				All Ages.	Under 1 year.	1 & under 2 years.	2 & under 5 years.	5 & under 15 years.	15 & under 25 years.	25 & under 45 years.	45 & under 65 years.	65 & upwards.	
I				2	3	4	5	6	7	8	9	10	II
All Causes	{	Certified	...	74	5	4	1	1	4	10	17	32	
		Uncertified	...	..	..	..	..	..	..	..	..	..
Enteric Fever	...	...	...	..	..	..	..	..	..	..	..	..
Small Pox	...	...	...	..	..	..	..	..	..	..	..	..
Measles	...	...	...	..	..	..	..	..	..	..	..	..
Scarlet Fever	...	...	...	..	..	..	..	..	..	..	..	..
Whooping Cough	...	...	...	..	..	..	..	..	..	..	..	..
Diphtheria and Croup	...	...	...	..	..	..	..	..	..	..	..	..
Influenza	...	...	...	..	..	..	..	..	..	..	..	..
Erysipelas	...	...	...	..	..	..	..	..	..	..	..	..
Phthisis (Pulmonary Tuberculosis)	...	...	...	3	..	..	..	..	..	1	2	..	
Tuberculous Meningitis	...	...	...	..	..	..	..	..	..	..	..	..
Other Tuberculous Diseases	...	...	...	..	..	..	..	..	..	..	..	..
Cancer, malignant disease	...	...	...	6	..	..	..	..	..	..	5	1	
Rheumatic Fever	...	...	...	..	..	..	..	..	..	..	..	..
Meningitis	...	...	...	1	..	..	..	1	..	..	..	..
Organic Heart Disease	...	...	...	10	..	..	..	..	..	..	5	5	
Bronchitis	...	...	...	3	..	..	..	..	..	..	..	3	
Pneumonia (all forms)	...	...	...	3	1	..	..	..	1	..	..	1	
Other diseases of Respiratory organs	...	...	...	..	..	..	..	..	..	..	..	..
Diarrhoea and Enteritis	...	...	...	1	..	1	..	..	..	..	..	..
Appendicitis and Typhlitis	...	...	...	2	..	..	1	..	..	1	..	..
Cirrhosis of Liver	...	...	...	..	..	..	..	..	..	..	..	..
Alcoholism	...	...	...	..	..	..	..	..	..	..	..	..
Nephritis and Bright's Disease	...	...	...	2	..	..	..	..	..	..	..	2	
Puerperal Fever	...	...	...	..	..	..	..	..	..	..	..	..
Other Accidents and Diseases of Pregnancy and Parturition	...	...	...	..	..	..	..	..	..	..	..	..
Congenital Debility and Malformation, including Premature Birth...	...	...	...	2	2	..	..	..	..	..	..	..
Violent Deaths, excluding Suicide	...	...	...	7	..	..	..	1	..	1	1	4	
Suicides	...	...	...	3	..	..	..	..	1	..	2	..	
Other Defined Diseases	...	...	...	10	..	1	..	..	..	2	1	6	
Diseases ill-defined or unknown	...	...	...	7	..	..	..	..	..	..	1	6	
				60	3	2	1	2	2	5	17	28	
SUB-ENTRIES	Cerebro-spinal Meningitis			..	..	..	..	..	..	..	..	..
included in	Poliomyelitis			..	..	..	..	..	..	..	..	..
above figures.	*			..	..	..	..	..	..	..	..	..
	*			
	*			

* Sub-Entries should here be made for other deaths which it is desirable to distinguish, on account of their administrative importance or special interest (e.g., any deaths from Anthrax, Typhus or Glanders, which have been included under *Other Defined Diseases*; or death from pneumonia other than broncho-pneumonia which have been included under *17, Pneumonia all forms*)

TABLE. IV.
Gnosall Rural District.
Infant Mortality.

1913. Nett Deaths from stated causes at various Ages under 1 Year of Age.

CAUSE OF DEATH.				Under 1 week	1-2 weeks.	2-3 weeks.	3-4 weeks.	Total under 1 month.	1-3 months.	3-6 months.	6-9 months.	9-12 months.	Total Deaths under 1 year.
All causes	Certified	..	..	2	..	..	..	..	..	1	..	..	3
	Uncertified	..	..	..	..	..	..	..	..	..	..	..	..
Small Pox	...	...	...	..	..	..	..	..	..	..	..	..	..
Chicken Pox	...	...	...	..	..	..	..	..	..	..	..	..	..
Measles	...	...	...	..	..	..	..	..	..	..	..	..	..
Scarlet Fever	...	...	...	..	..	..	..	..	..	..	..	..	..
Whooping Cough	...	...	...	..	..	..	..	..	..	..	..	..	..
Diphtheria and Croup	...	...	...	..	..	..	..	..	..	..	..	..	..
Erysipelas	...	...	...	..	..	..	..	..	..	..	..	..	..
Tuberculous Meningitis	...	...	...	..	..	..	..	..	..	..	..	..	..
Abdominal Tuberculosis	...	...	...	..	..	..	..	..	..	..	..	..	..
Other Tuberculous Diseases	...	...	...	..	..	..	..	..	..	..	..	..	..
Meningitis (not Tuberculous)	...	...	...	..	..	..	..	..	..	..	..	..	..
Convulsions	...	...	...	..	..	..	..	..	..	..	..	..	..
Laryngitis	...	...	...	..	..	..	..	..	..	..	..	..	..
Bronchitis	...	...	...	..	..	..	..	..	..	..	..	..	..
Pneumonia (all forms)	...	...	...	..	..	..	..	..	..	1	..	..	..
Diarrhœa	...	...	...	..	..	..	..	..	..	..	..	..	..
Enteritis	...	...	...	..	..	..	..	..	..	..	..	..	..
Gastritis	...	...	...	..	..	..	..	..	..	..	..	..	..
Syphilis	...	...	...	..	..	..	..	..	..	..	..	..	..
Rickets	...	...	...	..	..	..	..	..	..	..	..	..	..
Suffocation, overlying	...	...	...	..	..	..	..	..	..	..	..	..	..
Injury at Birth	...	...	...	..	..	..	..	..	..	..	..	..	..
Atelectasis	...	...	...	..	..	..	..	..	..	..	..	..	..
Congenital Malformations	...	...	...	..	..	..	..	..	..	..	..	..	..
Premature Birth	...	...	...	1	..	..	..	..	..	..	..	..	..
Atrophy, Debility and Marasmus	...	...	...	1	..	..	..	..	..	..	..	..	..
Other Causes	...	...	...	..	..	..	..	..	..	..	..	..	..
				2	..	..	..	..	..	1	..	..	3

Nett Births in the year :—Legitimate, 95 ; Illegitimate, 9.

Nett Deaths in the year :—Legitimate infants, 3 ; Illegitimate infants, 0